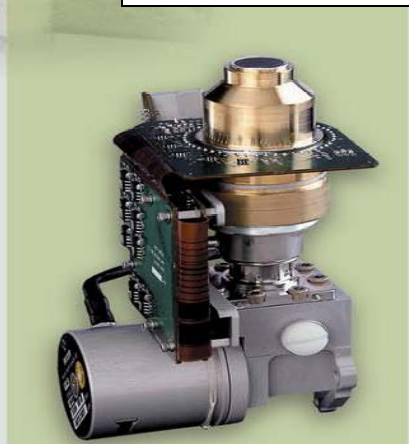




<u>PARAMETER</u>	<u>FALCON</u>	<u>FLAMINGO</u>
Detector Type and format	InSb, 640 X 512 elements	InSb, 640 X 512 elements
Pitch	25 μm	20 μm
Readout	ISC9803	ISC9901
Integration modes	ITR/IWR	ITR
Spectral Response	1 - 5.4 μm (typical cold filter 3.6 - 4.9 μm)	1 - 5.4 μm (typical cold filter 3.6 - 4.9 μm)
Well size	11.2, 8.4, 5.6, 2.8[Me-]	9.5, 2.4 [Me-]
Operability	Better than 99.5	Better than 99.5
Readout noise (Nominal @ max gain settings)	345 electrons	300 electrons
NETD (@ 50% well fill)	<20 mK	<20 mK
Non- Linearity	<0.5%	<0.5%
RNU	<0.08% RMS/DR	<0.08% RMS/DR
Outputs	1, 2 or 4	1, 2 or 4



<u>PARAMETER</u>	<u>FALCON</u>	<u>FLAMINGO</u>
Cooler	Ricor 3/4 watt: Integral K548 Split K549	Ricor 3/4 watt: Integral K548 Split K549
Cold shield	f/2.9, f/4.1 Height 28.15mm	f/3.1, f/5.3 Height 28.15mm
Power consumption	> 13 W @ steady state	> 13 W @ steady state
Cool down time (@ 23C)	< 8 min.	< 8 min.
Weight	< 850 gr.	< 850 gr
Max Frame Rate (full format)	1 output, 30 Hz / 2 outputs, 58 Hz / 4 outputs, 107Hz	1 output, 30 Hz / 2 outputs, 58 Hz / 4 outputs, 107Hz